

REMARKS

Claims 1, 3-7, and 9-29 will be pending upon entry of the present amendment. Claims 1, 6, 7, 9, 10, 20, and 24 have been amended, claims 2 and 8 are cancelled, and new claims 28 and 29 are herewith submitted.

Applicant thanks the Examiner for indicating the allowability of the subject matter of claims 2, and 8-11. Accordingly, claim 1 has been amended to incorporate the subject matter of claim 2, claim 6 has been amended to incorporate the subject matter of claim 8, and new claim 29 comprises the subject matter of claims 6 and 10. New claim 28, which depends from claim 6, is similar, though slightly broader in scope, than claim 9.

The Examiner has objected to the drawings as not showing the video monitor, control circuit, disk drive, back-up ventilation system, and video port as described in the specification. Figure 1 has been amended to show the video monitor 151, a keyboard 153 and the back-up ventilation system 129. Figure 4 has been amended to show the control circuit 143. Figure 7 has been amended to provide the correct reference numerals to the hard drive 195 and disk drive 197. Applicant calls the Examiner's attention to Figure 3, which shows various service ports 162 including a video monitor port, originally described in the specification, prior to the present amendment, as a monitor port. The specification has been amended to include appropriate language and reference numerals as necessitated by the changes to the figures. No new matter has been added to the specification.

The Examiner has objected to the specification as failing to discuss the video monitor, the video port, and the control circuit. Applicant calls the Examiner's attention to the summary of the invention, page 2, line 24, whereat the video monitor is discussed; the text at page 6, line 25 discusses the monitor port, amended to read "video monitor port;" and the text at page 9, line 7 has been amended to particularly recite the control circuit. Each of these features are within the abilities of one of ordinary skill in the art, and so detailed descriptions are not necessary for enablement.

Claim 24 is objected to for the recitation of "the first region" in line 5 as lacking proper antecedence. Applicant calls the Examiner's attention to line 4 of claim 24, in which "a first region" is recited, providing appropriate antecedence.

Claims 1, 3-4, 6-7, 12-13, 15-22, and 24-27 have been rejected under 35 USC §103(a) as being unpatentable over Nicolai et al. (6,463,997) in view of Gianelo (6,589,308).

Claims 5 and 14 have been rejected under 35 USC §103(a) as being unpatentable over Nicolai in view of Gianelo and Layton (6,483,709). Claim 19 is rejected under 35 USC §103(a) as being unpatentable over Nicolai in view of Gianelo and Andersson et al. (5,398,159). Claim 27 is rejected under 35 USC §103(a) as being unpatentable over Nicolai in view of Gianelo and Johnson et al. (5,813,243).

Because independent claims 1 and 6 have been amended to incorporate the subject matter of claims 2 and 8, respectively, the rejections of these claims, as well as their respective dependent claims, are moot, and so will not be addressed here.

Amended claim 20 recites, in part, “a cover configured to be coupled to the chassis in a substantially airtight seal and enclose the components; and a refrigeration unit configured to draw air from a first region within the cover, cool the air to within a selected temperature range, and output the cooled air into a second region within the cover.”

Neither Nicolai nor Gianelo teach or suggest this combination of elements. Gianelo teaches a separate cabinet into which a computer (presumably a conventional computer including a chassis and cover) is positioned, and providing ventilation into the enclosure outside the computer. There is no airtight seal between the chassis of the computer and the cabinet, but rather a seal is provided to the surrounding cabinet. Furthermore, Gianelo does not teach or suggest drawing air from within the cover of the computer as recited in claim 20. Nicolai cannot remedy the deficiencies of Gianelo. Accordingly, claim 20, together with dependent claims 21-23, is allowable over the art of record.

Amended claim 24 recites, *inter alia*, “blowing the air from the cooling unit to a first region within the enclosure, while preventing the air from circulating inside the enclosure but outside the personal computer....”


Neither Nicolai nor Gianelo teach or suggest this element of claim 24. Neither reference contemplates any benefit to preventing movement of air within a cabinet but outside a computer positioned therein. Instead, Gianelo teaches the opposite, stating “In some constructions, the outlet ports are spaced from the inlet port to encourage an air travel path over the housed computer component to maximize the opportunity to absorb heat from within the cabinet and thereby serve as a heating means for the cabinet” (column 3, lines 13-17; also see column 4, lines 64-66). clearly, claim 24 is allowable over the cited art, together with dependent claims 25-27.

All of the claims remaining in the application are now clearly allowable. Favorable consideration and a Notice of Allowance are earnestly solicited. In the event the Examiner finds minor informalities that can be resolved by telephone conference, the Examiner is urged to contact applicant's undersigned representative at (206) 694-4848 in order to expeditiously resolve prosecution of this application.

The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

Respectfully submitted,

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HHB:wt

Enclosure:

3 Sheets of Replacement Drawings, Figures 1, 3, 4, and 7.

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Amendments to the Drawings:

The attached 3 sheets of replacement drawings include changes to Figures 1, 4, and 7. These sheets, which include Figures 1, 3, 4, and 7, replace the original sheets including Figures 1, 3, 4, and 7.

Attachment: 3 Replacement Sheets of Drawings, Figure 1, 3, 4, and 7.